

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operat or	Plura ls	Time Stamp
L1	185	((fiber or fibre or filament or yarn) with (diameter or count or size)) and (442/134,135.ccls. or 428/911.ccls. or 89/36.01, 36.02,36.05.ccls. or 2/2. 5.ccls.)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:11
L2	61	l1 and (net or netting or grid or scrim or skrim or mesh or mesh\$2 and screen or lattice)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 11:37
L3	613	helmet and ((fiber or fibre or filament or yarn) with (diameter or count or size))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 12:26
L4	304	helmet and ((fiber or fibre or filament or yarn) near2 (diameter or count or size))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 12:27

## EAST Search History

L5	120	l4 and ("442"/\$.ccls. or "428"/\$.ccls.)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:01
L6	163	l3 and ("442"/\$.ccls. or "428"/\$.ccls.)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:01
L7	43	l6 not l5	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:01
L8	39	l1 and helmet	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:11
L9	15704	(netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) adj (openings)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:23

## EAST Search History

L10	147	(netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) adj ( square openings)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:24
L11	393	(netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) near2 ( square openings)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:47
L12	393	(netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) near2 (square openings)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:24
L13	190	l12 same (spac\$3 or size or count)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:25
L14	0	l13 and helmet	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:25

## EAST Search History

L15	13	l13 and ("442"/\$.ccls. or "428"/\$.ccls.)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:28
L16	177	l13 not l15	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:28
L17	15704	(netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) adj (openings)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:32
L18	46	l17 and helmet	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 14:48
L19	1925	((netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) adj (openings)) with (length or sides)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:30

## EAST Search History

L20	301	((netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) adj (openings)) with (length or sides) with (mm or millimeter or millimetre or micron or inch\$2 or cm or centimeter or centimetre)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:14
L21	0	l20 and 2/410.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:06
L22	3	l20 and 442/1-58.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:07
L23	3	l20 and "442"/\$.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:07
L24	19	l20 and "428"/\$.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:07

## EAST Search History

L25	1925	((netting or grid\$4 or scrim or skim or mesh or mesh\$2 or screen or lattice) adj (openings)) with (length or sides)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:14
L26	0	l25 and 2/410.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:14
L27	18	l25 and 442/1-58.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:14
L28	15	l27 not l22	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:19
L29	36	l25 and "442"/\$.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:20

## EAST Search History

L30	33	l29 not l23	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:19
L31	85	l25 and "428"/\$.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:20
L32	66	l31 not l24	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:22
L33	0	l25 and helmeet	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:22
L34	6	l25 and helmet	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:22

## EAST Search History

L35	96	l17 and 442/1-58.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:25
L36	0	((netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) adj (openings)) with (".mu.m")	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:31
L37	0	((netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) adj (openings)) same (".mu.m")	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:31
L38	53797	(netting or grid\$4 or scrim or skrim or mesh or mesh\$2 or screen or lattice) near3 (openings)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:32
L39	217	l38 and 442/1-58.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:32



## EAST Search History

L40	121	l39 not l35	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:39
L41	211	l38 and helmet	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:39
L42	165	l41 not l18	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:53
L43	10847	helmet.ti.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:53
L44	386	l43 and (mesh or net or netting or grid or scrim or skrim)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:54

## EAST Search History

L45	391	l43 and (mesh\$2 or net or netting or grid\$5 or scrim or skrim)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 15:54
L46	24	l43 and ((mesh\$2 or net or netting or grid\$5 or scrim or skrim) same (".mu.m" or millimeter or millimetre or mm or centimeter or centimetre or cm or inch\$2 or microns))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:04
L47	391	l45 not (l1-l42)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:17
L48	1	10/644026	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:18
L49	0	10/644026 an d protrusions	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:18

## EAST Search History

L50	1	10/644026 and protrusions	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:18
L51	6886	(mesh\$5 or net or netting or grid\$5 or scrim or skrim) with (protrusions or bump)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:44
L52	926	(mesh\$5 or net or netting or grid\$5 or scrim or skrim) near2 (protrusions)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:27
L53	0	l52 and 442/1-58.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:23
L54	2	l52 and "442"/\$.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:24

## EAST Search History

L55	4	l52 and helmet	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:26
L56	8	l51 and helmet	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:26
L57	4	l56 not l55	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:26
L58	190	l51 and "428"/\$.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:28
L59	42	l52 and "428"/\$.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:34

## EAST Search History

L60	148	l58 not l59	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:34
L61	3488	(mesh\$5 or net or netting or grid\$5 or scrim or skrim) with (ridges)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:58
L62	12	l61 and 442/1-58.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:46
L63	15	l61 and helmet	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:46
L64	4	("4756946" or "4470942"). pn.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T	ADJ	ON	2006/04/30 16:59